

ENGINEERING CHANGE NOTICE

DART AEROSPACE LTD

MPP

Date: 18.03.22	Job No.:	ADR Yes/No: N	ADR Date:	ECN #: 18- 577
Product No.: Apical 119-2 CCK		Created By: KJ	Approved By: <i>gp</i>	
Product Name: Cable Cutters		Checked By: <i>ASB</i>		

Distribution	Reqd	Resp	Initial / Date (YY/MM/DD)
Director of Operations	Y	JLM	
Production Planning Man. / Prod. Planner	Y	LL / MLJ	
Supply Chain Director / Purchasing	Y	RA / SH	
Production Engineering Coord.	Y	DD / JFS	
NCR / PAR / CAR / CIR / URF Coordinator	Y	SAD	

Distribution	Reqd	Resp	Initial / Date (YY/MM/DD)
DQA / QA Coord.	Y	MD / ED	
QC Coordinator	Y	PD	
Customer Support	Y	LM / JR	
Customer Technical Support	Y	MB / EL	
Marketing	Y	WR	
Prod. Man. Solution Provider	Y	SL / RB	

Reason for Change:

Incorporated ECN's 0856, 05875, 05940 (649.4700) and ECN 05929 (649.5100)

Documents Affected:

Release 649.4700 Rev. F, 649.5100 Rev D

IF APPLICABLE: NCR: ☐ PAR: ☐ CAR: 18-224 CIR: ☐ URF: 18-577

PAPERWORK UPDATE ☐

PARTS MUST COMPLY ☒

PREVIOUS PARTS SATISFACTORY ☐

#	Quality Assurance Actions	Reqd	Resp	Notes	Complete
1	Notify Previous Customers	N			
2	Notify Eurocopter France	N			
3	Notify Augusta Westland	N			
4	Manufacturing Licensing Agreement Update	N			

#	Engineering Actions	Reqd	Resp	Notes	Complete
5	Required Documents/Drawings/Item ID's Under Review (URF)	N			
6	Update Master Document List (MDL)	N			
7	Update Document Record (DR)	N			
8	Update Product Compatability Matrix	N			
9	Notify TC / FAA of Change (eg. ICA, 8110-3)	N			
10					

#	Document Control Actions	Reqd	Resp	Notes	Complete
11	Move / Update Electronic Files / Design Journal	N			
12	Update Product Specification Files (Bluefiles)	N			
13	Update Approved/Preliminary Dwg PDF Files	Y	KJ		18.03.27 <i>gp</i>
14	Update Product Development Summary (STC applications)	N			
15	Update QSI 021 (TC/FAA STC) and/or STC Approval List	N			
16	Create/Update Parts / STC Database	N			
17	Update / Verify Airworthiness Release Certificate Database	N			
18	Create / Update Change Record Form / Item Card Database	N			
19	Create / Update Packaging Process Plan (PPP)	N			
20	Red Decals required on Packaging Process Plan (PPP)?	N			
21	Update Controlled Supplier Documents (Qpulse) Database	N			
22	Update Grey Project Binder / Electronic Project Folder	N			
23	Update D-Part / M-Drawing / DSI / DEO Master Binders	N			
24	Update "Royalty Paid to" attribute (Parts sold under Dart USA STC's)	N			
25					

Description / Action:

Update BOM's and Routes

649.5213

649.5213 rec'd ✓
649.5210 rec'd ✓
649.4867 rec'd ✓
5210 ✓

649.5212 RC
5214 RC
done in

5113 updated
5111 > not started
5112

ECN Verified & Complete: _____ Date: _____

ENGINEERING CHANGE NOTICE

DART AEROSPACE LTD

Date: 18.03.22	Job No.:	ADR Yes/No: N	ADR Date:	ECN #: 18- 696
Product No.: Apical 119-2 CCK		Created By: KJ	Approved By: <i>41</i>	
Product Name: Cable Cutters		Checked By: <i>AS</i>		

Distribution	Reqd	Resp	Initial / Date (YY/MM/DD)
Director of Operations	Y	JLM	
Production Planning Man. / Prod. Planner	Y	LL / MLJ	
Supply Chain Director / Purchasing	Y	RA / SH	
Production Engineering Coord.	Y	DD / JFS	
NCR / PAR / CAR / CIR / URF Coordinator	Y	SAD	

Distribution	Reqd	Resp	Initial / Date (YY/MM/DD)
DQA / QA Coord.	Y	MD / ED	
QC Coordinator	Y	PD	
Customer Support	Y	LM / JR	
Customer Technical Support	Y	MB / EL	
Marketing	Y	WR	
Prod. Man. Solution Provider	Y	SL / RB	

Reason for Change:
Incorporated ECN 05930

Documents Affected:
Release 649.5200 Rev C

IF APPLICABLE: NCR: _____ PAR: _____ CAR: _____ CIR: _____ URF: _____

PAPERWORK UPDATE ☐ PARTS MUST COMPLY ☒ PREVIOUS PARTS SATISFACTORY ☐

#	Quality Assurance Actions	Reqd	Resp	Notes	Complete
1	Notify Previous Customers	N			
2	Notify Eurocopter France	N			
3	Notify Augusta Westland	N			
4	Manufacturing Licensing Agreement Update	N			

#	Engineering Actions	Reqd	Resp	Notes	Complete
5	Required Documents/Drawings/Item ID's Under Review (URF)	N			
6	Update Master Document List (MDL)	N			
7	Update Document Record (DR)	N			
8	Update Product Compatibility Matrix	N			
9	Notify TC / FAA of Change (eg. ICA, 8110-3)	N			
10					

#	Document Control Actions	Reqd	Resp	Notes	Complete
11	Move / Update Electronic Files / Design Journal	N			
12	Update Product Specification Files (Bluefiles)	N			
13	Update Approved/Preliminary Dwg PDF Files	Y	KJ		18.03.22 <i>GA</i>
14	Update Product Development Summary (STC applications)	N			
15	Update QSI 021 (TC/FAA STC) and/or STC Approval List	N			
16	Create/Update Parts / STC Database	N			
17	Update / Verify Airworthiness Release Certificate Database	N			
18	Create / Update Change Record Form / Item Card Database	N			
19	Create / Update Packaging Process Plan (PPP)	N			
20	Red Decals required on Packaging Process Plan (PPP)?	N			
21	Update Controlled Supplier Documents (Qpulse) Database	N			
22	Update Grey Project Binder / Electronic Project Folder	N			
23	Update D-Part / M-Drawing / DSI / DEO Master Binders	N			
24	Update "Royalty Paid to" attribute (Parts sold under Dart USA STC's)	N			
25					

Description / Action:

Update BOM's and Routes

done h

ECN Verified & Complete: _____ Date: _____

From: Marc Bellavance

Sent: Wednesday, March 7, 2018 10:28 AM

To: Linda Lacelle <llacelle@dartaero.com>; Patrick Duval <pduval@dartaero.com>

Cc: Sian Willems <swillems@dartaero.com>

Subject: RE: Support Letter for AW119 CCK (RE: PO 4100 (ref. DART Order# 2209))

Linda,

Sounds like we have demand for 3 kits at Rev. C so whatever we have on the go or on hand that can be reworked at this point would be the best move in my opinion. See my comments in red below.

FYI:

In the very near future, parts that will be revised for screw-in windshield are as follows (-> indicates upcoming revisions):

- 649.4701 -> Rev. F
- 649.4811 -> Rev. E
- 649.4813 -> Rev. E
- 649.4816 -> Rev. E
- 649.4819 -> Rev. E
- 649.4820 -> Rev. E
- 649.5111 -> Rev. D
- 649.5112 -> Rev. D
- 649.5212 -> Rev. C
- 649.5214 -> Rev. C

Note that the drawings are under review and going through the approval rounds. Can you please provide a revised lead time for qty(5) 649.4701 Rev. F kits? We currently have a tentative ship date of March 16 for AWPC (3 kits consist of rework and 2 are new). Manufacturing drawings approval is expected by Friday. 649.4700 Rev. F: approval expected sometimes next week.

Marc

From: Linda Lacelle

Sent: Wednesday, March 07, 2018 9:55 AM

To: Patrick Duval <pduval@dartaero.com>; Marc Bellavance <mbellavance@dartaero.com>

Cc: Sian Willems <swillems@dartaero.com>

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework <input type="checkbox"/> Scrap <input type="checkbox"/> Use-as-is <input type="checkbox"/> Suspected Unapproved <input type="checkbox"/>		AGAINST DEPARTMENT/PROCESS <div style="display: flex; justify-content: space-between;"> <div> Skid-tube <input type="checkbox"/> Machining <input type="checkbox"/> Thermoforming <input type="checkbox"/> Large Fab <input type="checkbox"/> </div> <div> Cross tube <input type="checkbox"/> Small Fab <input type="checkbox"/> Finishing <input type="checkbox"/> Composite <input type="checkbox"/> </div> <div> Water Jet <input type="checkbox"/> Prod. Eng. Coord. <input type="checkbox"/> Rec/Store/Packaging <input type="checkbox"/> Supplier <input type="checkbox"/> </div> <div> Engineering <input type="checkbox"/> Quality <input type="checkbox"/> Other <input type="checkbox"/> </div> </div>					
Date :		Step #:		QTY Effective :			MRB (QS1042) Approval		
Description Work Order Deviation				Disposition				Completed By	
								Lead hand / Supervisor Approval Verification	
Root Cause		FAULT CATEGORY							
Environment <input type="checkbox"/>	No Re-verification <input type="checkbox"/>	Pressure/Forced <input type="checkbox"/>	Temperature/Cure <input type="checkbox"/>	Power Loss/Surge <input type="checkbox"/>	Positioned Wrong <input type="checkbox"/>				
Design <input type="checkbox"/>	Operator <input type="checkbox"/>	Bending <input type="checkbox"/>	Set-up <input type="checkbox"/>	Folio/Program <input type="checkbox"/>	Outside Dimensions <input type="checkbox"/>				
Doc/Data <input type="checkbox"/>	Offset/Setup <input type="checkbox"/>	Centre Not Concentric <input type="checkbox"/>	BOM/Route <input type="checkbox"/>	Grain <input type="checkbox"/>	Over/Under tolerance <input type="checkbox"/>				
Equip/Tooling <input type="checkbox"/>	Supplier <input type="checkbox"/>	Cracks <input type="checkbox"/>	Broken/Damage/Defect <input type="checkbox"/>	Weld <input type="checkbox"/>	Part Incorrect <input type="checkbox"/>				
Handling/Pre <input type="checkbox"/>	Training <input type="checkbox"/>	Crimp/Kink/Ripple/Wave <input type="checkbox"/>	Inspection Incomplete/Unqualified <input type="checkbox"/>	Wrong Stock Pulled <input type="checkbox"/>	Part Lost/Missing <input type="checkbox"/>				
Material <input type="checkbox"/>	Use for Testing <input type="checkbox"/>	Cuffs <input type="checkbox"/>	Contamination <input type="checkbox"/>	Out of Sequence <input type="checkbox"/>	Part Moved <input type="checkbox"/>				
Internal Transport <input type="checkbox"/>	Poor Information <input type="checkbox"/>	Crushing <input type="checkbox"/>	Countersink <input type="checkbox"/>	Off-set <input type="checkbox"/>	Drawing <input type="checkbox"/>				
Tribal Knowledge <input type="checkbox"/>	Rushing <input type="checkbox"/>	Heat Treat <input type="checkbox"/>	Cut Too Short <input type="checkbox"/>	Mislabeled <input type="checkbox"/>	Finish <input type="checkbox"/>				
LOA <input type="checkbox"/>	Product Improvement <input type="checkbox"/>	Wave/Twist in Tube <input type="checkbox"/>	Instructions Incomplete/Unclear <input type="checkbox"/>	Fit/Function <input type="checkbox"/>	Misread <input type="checkbox"/>				
Substation <input type="checkbox"/>	Process Improvement <input type="checkbox"/>	Marks/Chatter <input type="checkbox"/>	Drill Holes <input type="checkbox"/>	Misaligned/off center <input type="checkbox"/>	Turning Sequence <input type="checkbox"/>				
Past Expiry Date <input type="checkbox"/>	Manufacturing Process <input type="checkbox"/>	OTHER :							
Misidentified <input type="checkbox"/>	Past Due <input type="checkbox"/>								

From: Patrick Duval
Sent: Wednesday, March 7, 2018 1:26 PM
To: Linda Lacelle; Marc Bellavance
Cc: Sian Willems
Subject: RE: Support Letter for AW119 CCK (RE: PO 4100 (ref. DART Order# 2209))

This would be my suggestion (in black)

- Shows 11 x 649.4811's in stock – can these be reworked?? Can be used as is and trimmed as required by installer. Those will only be good for 649.4701 Rev. C kits.
- I would make new one per rev. A
- 649.4813 - 5 cut on the wj, now at small fab, can they be reworked? Yes. If not, should we put them in QRTN, before Sylvie works on them? Yes, qrtn. Another w/o of 16, not started..do we mark-up w/o ? Rework as required for the 3 CCK at Rev. C.
- Quarantine stock and mark up work order as per rev A
- 649.4816 – 20 at ATG, do we bring them back before anodize and prime? This would be ideal.
- Those should have been done as per current rev., but from what I understand 649.4816 should be made per rev A. if that's the case we will have to quarantine all of them.
- 649.5111 & 649.5112 – both show 2 stk (AWPC might need qty(1) each), w/o of 5 not started – do we mark up w/o to make to Rev A1 yes
- Quarantine stock and mark up work order as per rev A

Pat.D

From: Linda Lacelle
Sent: Wednesday, March 07, 2018 12:48 PM
To: Marc Bellavance <mbellavance@dartaero.com>; Patrick Duval <pduval@dartaero.com>
Cc: Sian Willems <swillems@dartaero.com>
Subject: RE: Support Letter for AW119 CCK (RE: PO 4100 (ref. DART Order# 2209))

[illegible]

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework <input type="checkbox"/> Scrap <input type="checkbox"/> Use-as-is <input type="checkbox"/> Suspected Unapproved <input type="checkbox"/>		AGAINST DEPARTMENT/PROCESS <div style="display: flex; justify-content: space-between;"> <div> Skid-tube <input type="checkbox"/> Machining <input type="checkbox"/> Thermoforming <input type="checkbox"/> Large Fab <input type="checkbox"/> </div> <div> Cross tube <input type="checkbox"/> Small Fab <input type="checkbox"/> Finishing <input type="checkbox"/> Composite <input type="checkbox"/> </div> <div> Water Jet <input type="checkbox"/> Prod. Eng. Coord. <input type="checkbox"/> Rec/Store/Packaging <input type="checkbox"/> Supplier <input type="checkbox"/> </div> <div> Engineering <input type="checkbox"/> Quality <input type="checkbox"/> Other <input type="checkbox"/> </div> </div>					
Date :		Step #:		QTY Effective :			MRB (QSI042) Approval Completed By Lead hand / Supervisor Approval Verification QC / QA Coordinator Approval		
Description Work Order Deviation				Disposition					
Root Cause <div style="display: flex; justify-content: space-between;"> <div> Environment <input type="checkbox"/> Design <input type="checkbox"/> Doc/Data <input type="checkbox"/> Equip/Tooling <input type="checkbox"/> Handling/Pre <input type="checkbox"/> Material <input type="checkbox"/> Internal Transport <input type="checkbox"/> Tribal Knowledge <input type="checkbox"/> LOA <input type="checkbox"/> Substation <input type="checkbox"/> Past Expiry Date <input type="checkbox"/> Misidentified <input type="checkbox"/> </div> <div> No Re-verification <input type="checkbox"/> Operator <input type="checkbox"/> Offset/Setup <input type="checkbox"/> Supplier <input type="checkbox"/> Training <input type="checkbox"/> Use for Testing <input type="checkbox"/> Poor Information <input type="checkbox"/> Rushing <input type="checkbox"/> Product Improvement <input type="checkbox"/> Process Improvement <input type="checkbox"/> Manufacturing Process <input type="checkbox"/> Past Due <input type="checkbox"/> </div> </div>		FAULT CATEGORY <div style="display: flex; justify-content: space-between;"> <div> Pressure/Forced <input type="checkbox"/> Bending <input type="checkbox"/> Centre Not Concentric <input type="checkbox"/> Cracks <input type="checkbox"/> Crimp/Kink/Ripple/Wave <input type="checkbox"/> Cuffs <input type="checkbox"/> Crushing <input type="checkbox"/> Heat Treat <input type="checkbox"/> Wave/Twist in Tube <input type="checkbox"/> Marks/Chatter <input type="checkbox"/> </div> <div> Temperature/Cure <input type="checkbox"/> Set-up <input type="checkbox"/> BOM/Route <input type="checkbox"/> Broken/Damage/Defect <input type="checkbox"/> Inspection Incomplete/Unqualified <input type="checkbox"/> Contamination <input type="checkbox"/> Countersink <input type="checkbox"/> Cut Too Short <input type="checkbox"/> Instructions Incomplete/Unclear <input type="checkbox"/> Drill Holes <input type="checkbox"/> </div> <div> Power Loss/Surge <input type="checkbox"/> Folio/Program <input type="checkbox"/> Grain <input type="checkbox"/> Weld <input type="checkbox"/> Wrong Stock Pulled <input type="checkbox"/> Out of Sequence <input type="checkbox"/> Off-set <input type="checkbox"/> Mislabeled <input type="checkbox"/> Fit/Function <input type="checkbox"/> Misaligned/off center <input type="checkbox"/> </div> <div> Positioned Wrong <input type="checkbox"/> Outside Dimensions <input type="checkbox"/> Over/Under tolerance <input type="checkbox"/> Part Incorrect <input type="checkbox"/> Part Lost/Missing <input type="checkbox"/> Part Moved <input type="checkbox"/> Drawing <input type="checkbox"/> Finish <input type="checkbox"/> Misread <input type="checkbox"/> Turning Sequence <input type="checkbox"/> </div> </div>							
		OTHER : <input type="checkbox"/>							

Linda Lacelle

From: Marc Bellavance
Sent: Wednesday, March 14, 2018 10:40 AM
To: Linda Lacelle; David Duval
Cc: Lisa McMachen; Sian Willems; Jean-Luc Menard
Subject: RE: A119 CCK Update

Considering the status of the drawings, perhaps our PECs are only getting started with 648.4800 stuff... As for the rest, pending drawing approval and release which I'm chasing with Vista...

From: Linda Lacelle
Sent: Wednesday, March 14, 2018 10:37 AM
To: Marc Bellavance <mbellavance@dartaero.com>; David Duval <dduval@dartaero.com>
Cc: Lisa McMachen <lmcmachen@dartaero.com>; Sian Willems <swillems@dartaero.com>; Jean-Luc Menard <jmenard@dartaero.com>
Subject: RE: A119 CCK Update

Thx Marc

Are boms/routes updated? Are programs updated??

L

From: Marc Bellavance
Sent: Wednesday, March 14, 2018 10:01 AM
To: Linda Lacelle <llacelle@dartaero.com>
Cc: Lisa McMachen <lmcmachen@dartaero.com>; Sian Willems <swillems@dartaero.com>
Subject: A119 CCK Update

Hi Linda,

As you know, there is an update pending approval on 649.4701 CCK. Parts that are affected are as follows:

- 649.4701: BOM update per 649.4700 Rev. F (pending approval)
- 649.4811: updated design per 649.4800 Rev. E (approved and released)

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework <input type="checkbox"/> Scrap <input type="checkbox"/> Use-as-is <input type="checkbox"/> Suspected Unapproved <input type="checkbox"/>		AGAINST DEPARTMENT/PROCESS <div style="display: flex; justify-content: space-between;"> <div> Skid-tube <input type="checkbox"/> Machining <input type="checkbox"/> Thermoforming <input type="checkbox"/> Large Fab <input type="checkbox"/> </div> <div> Cross tube <input type="checkbox"/> Small Fab <input type="checkbox"/> Finishing <input type="checkbox"/> Composite <input type="checkbox"/> </div> <div> Water Jet <input type="checkbox"/> Prod. Eng. Coord. <input type="checkbox"/> Rec/Store/Packaging <input type="checkbox"/> Supplier <input type="checkbox"/> </div> <div> Engineering <input type="checkbox"/> Quality <input type="checkbox"/> Other <input type="checkbox"/> </div> </div>					
Date :		Step #:		QTY Effective :			MRB (QSI042) Approval Completed By Lead hand / Supervisor Approval Verification QC / QA Coordinator Approval		
Description Work Order Deviation				Disposition					
Root Cause		FAULT CATEGORY							
Environment <input type="checkbox"/>	No Re-verification <input type="checkbox"/>	Pressure/Forced <input type="checkbox"/>	Temperature/Cure <input type="checkbox"/>	Power Loss/Surge <input type="checkbox"/>	Positioned Wrong <input type="checkbox"/>				
Design <input type="checkbox"/>	Operator <input type="checkbox"/>	Bending <input type="checkbox"/>	Set-up <input type="checkbox"/>	Folio/Program <input type="checkbox"/>	Outside Dimensions <input type="checkbox"/>				
Doc/Data <input type="checkbox"/>	Offset/Setup <input type="checkbox"/>	Centre Not Concentric <input type="checkbox"/>	BOM/Route <input type="checkbox"/>	Grain <input type="checkbox"/>	Over/Under tolerance <input type="checkbox"/>				
Equip/Tooling <input type="checkbox"/>	Supplier <input type="checkbox"/>	Cracks <input type="checkbox"/>	Broken/Damage/Defect <input type="checkbox"/>	Weld <input type="checkbox"/>	Part Incorrect <input type="checkbox"/>				
Handling/Pre <input type="checkbox"/>	Training <input type="checkbox"/>	Crimp/Kink/Ripple/Wave <input type="checkbox"/>	Inspection Incomplete/Unqualified <input type="checkbox"/>	Wrong Stock Pulled <input type="checkbox"/>	Part Lost/Missing <input type="checkbox"/>				
Material <input type="checkbox"/>	Use for Testing <input type="checkbox"/>	Cuffs <input type="checkbox"/>	Contamination <input type="checkbox"/>	Out of Sequence <input type="checkbox"/>	Part Moved <input type="checkbox"/>				
Internal Transport <input type="checkbox"/>	Poor Information <input type="checkbox"/>	Crushing <input type="checkbox"/>	Countersink <input type="checkbox"/>	Off-set <input type="checkbox"/>	Drawing <input type="checkbox"/>				
Tribal Knowledge <input type="checkbox"/>	Rushing <input type="checkbox"/>	Heat Treat <input type="checkbox"/>	Cut Too Short <input type="checkbox"/>	Mislabeled <input type="checkbox"/>	Finish <input type="checkbox"/>				
LOA <input type="checkbox"/>	Product Improvement <input type="checkbox"/>	Wave/Twist in Tube <input type="checkbox"/>	Instructions Incomplete/Unclear <input type="checkbox"/>	Fit/Function <input type="checkbox"/>	Misread <input type="checkbox"/>				
Substation <input type="checkbox"/>	Process Improvement <input type="checkbox"/>	Marks/Chatter <input type="checkbox"/>	Drill Holes <input type="checkbox"/>	Misaligned/off center <input type="checkbox"/>	Turning Sequence <input type="checkbox"/>				
Past Expiry Date <input type="checkbox"/>	Manufacturing Process <input type="checkbox"/>	OTHER : _____							
Misidentified <input type="checkbox"/>	Past Due <input type="checkbox"/>								

- 649.4813: updated design per 649.4800 Rev. E (approved and released)
- 649.4816: updated design per 649.4800 Rev. E (approved and released)
- 649.4819: updated design per 649.4800 Rev. E (approved and released)
- 649.4820: updated design per 649.4800 Rev. E (approved and released)
- 649.5111: updated design per 649.5100 Rev. D (pending approval) – There might be a slim possibility of rework, need to check with JL.
- 649.5112: updated design per 649.5100 Rev. D (pending approval) – There might be a slim possibility of rework, need to check with JL.
- 649.5113: new part per 649.5100 Rev. D (pending approval)
- 649.5212: updated design per 649.5200 Rev. C (pending approval)
- 649.5214: updated design per 649.5200 Rev. C (pending approval)

All of those parts will be required for qty(5) kits on order in our system for AgustaWestland Philadelphia Corp. The current tentative ship date is March 16 which we know is impossible to meet so I need to provide a new ship date to Jackson and Caitlin. Once all the drawings are approved and released (shooting for today or end of week, latest), can you please tell me what is our shortest lead time to build the qty(5) kits?

Regards,

MARC BELLAVANCE

Mechanical Designer / Technical Support

DART AEROSPACE

T 1 613 632 5200 > 243

M 1 613 676 0992 > Customer Support

M 1 613 677 4570 > Direct

F 1 613 632 9311

S marcbellavance

1 800 556- 4166

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DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework <input type="checkbox"/> Scrap <input type="checkbox"/> Use-as-is <input type="checkbox"/> Suspected Unapproved <input type="checkbox"/>		AGAINST DEPARTMENT/PROCESS <div style="display: flex; justify-content: space-between;"> <div> Skid-tube <input type="checkbox"/> Machining <input type="checkbox"/> Thermoforming <input type="checkbox"/> Large Fab <input type="checkbox"/> </div> <div> Cross tube <input type="checkbox"/> Small Fab <input type="checkbox"/> Finishing <input type="checkbox"/> Composite <input type="checkbox"/> </div> <div> Water Jet <input type="checkbox"/> Prod. Eng. Coord. <input type="checkbox"/> Rec/Store/Packaging <input type="checkbox"/> Supplier <input type="checkbox"/> </div> <div> Engineering <input type="checkbox"/> Quality <input type="checkbox"/> Other <input type="checkbox"/> </div> </div>					
Date :		Step #:		QTY Effective :			MRB (QSI042) Approval Completed By Lead hand / Supervisor Approval Verification QC / QA Coordinator Approval		
Description Work Order Deviation				Disposition					
Root Cause <div style="display: flex; justify-content: space-between;"> <div> Environment <input type="checkbox"/> Design <input type="checkbox"/> Doc/Data <input type="checkbox"/> Equip/Tooling <input type="checkbox"/> Handling/Pre <input type="checkbox"/> Material <input type="checkbox"/> Internal Transport <input type="checkbox"/> Tribal Knowledge <input type="checkbox"/> LOA <input type="checkbox"/> Substation <input type="checkbox"/> Past Expiry Date <input type="checkbox"/> Misidentified <input type="checkbox"/> </div> <div> No Re-verification <input type="checkbox"/> Operator <input type="checkbox"/> Offset/Setup <input type="checkbox"/> Supplier <input type="checkbox"/> Training <input type="checkbox"/> Use for Testing <input type="checkbox"/> Poor Information <input type="checkbox"/> Rushing <input type="checkbox"/> Product Improvement <input type="checkbox"/> Process Improvement <input type="checkbox"/> Manufacturing Process <input type="checkbox"/> Past Due <input type="checkbox"/> </div> </div>		FAULT CATEGORY <div style="display: flex; justify-content: space-between;"> <div> Pressure/Forced <input type="checkbox"/> Bending <input type="checkbox"/> Centre Not Concentric <input type="checkbox"/> Cracks <input type="checkbox"/> Crimp/Kink/Ripple/Wave <input type="checkbox"/> Cuffs <input type="checkbox"/> Crushing <input type="checkbox"/> Heat Treat <input type="checkbox"/> Wave/Twist in Tube <input type="checkbox"/> Marks/Chatter <input type="checkbox"/> </div> <div> Temperature/Cure <input type="checkbox"/> Set-up <input type="checkbox"/> BOM/Route <input type="checkbox"/> Broken/Damage/Defect <input type="checkbox"/> Inspection Incomplete/Unqualified <input type="checkbox"/> Contamination <input type="checkbox"/> Countersink <input type="checkbox"/> Cut Too Short <input type="checkbox"/> Instructions Incomplete/Unclear <input type="checkbox"/> Drill Holes <input type="checkbox"/> </div> <div> Power Loss/Surge <input type="checkbox"/> Folio/Program <input type="checkbox"/> Grain <input type="checkbox"/> Weld <input type="checkbox"/> Wrong Stock Pulled <input type="checkbox"/> Out of Sequence <input type="checkbox"/> Off-set <input type="checkbox"/> Misabeled <input type="checkbox"/> Fit/Function <input type="checkbox"/> Misaligned/off center <input type="checkbox"/> </div> <div> Positioned Wrong <input type="checkbox"/> Outside Dimensions <input type="checkbox"/> Over/Under tolerance <input type="checkbox"/> Part Incorrect <input type="checkbox"/> Part Lost/Missing <input type="checkbox"/> Part Moved <input type="checkbox"/> Drawing <input type="checkbox"/> Finish <input type="checkbox"/> Misread <input type="checkbox"/> Turning Sequence <input type="checkbox"/> </div> </div>		OTHER : _____					

Patrick Duval

From: Linda Lacelle
Sent: Thursday, March 08, 2018 9:52 AM
To: Patrick Duval; Marc Bellavance
Cc: Sian Willems
Subject: RE: Support Letter for AW119 CCK (RE: PO 4100 (ref. DART Order# 2209))

I really need a list of operations of what needs to be done with each part to get these moving

Example:

649.4811

Pkg - Pull from stk

Small fab – trim per drwg

Outsource – re-anodize

Etc etc etc

Plssssssssss

From: Patrick Duval
Sent: Wednesday, March 7, 2018 1:26 PM
To: Linda Lacelle <llacelle@dartaero.com>; Marc Bellavance <mbellavance@dartaero.com>
Cc: Sian Willems <swillems@dartaero.com>
Subject: RE: Support Letter for AW119 CCK (RE: PO 4100 (ref. DART Order# 2209))

This would be my suggestion (in black)

- Shows 11 x 649.4811's in stock – can these be reworked?? Can be used as is and trimmed as required by installer. Those will only be good for 649.4701 Rev. C kits.
- I would make new one per rev. A.
- 649.4813 - 5 cut on the wj, now at small fab, can they be reworked? Yes. If not, should we put them in QRTN, before Sylvie works on them? Yes, qrtn. Another w/o of 16, not started..do we mark-up w/o ? Rework as required for the 3 CCK at Rev. C.
- Quarantine stock and mark up work order as per rev A.
- 649.4816 – 20 at ATG, do we bring them back before anodize and prime? This would be ideal.
- Those should have been done as per current rev., but from what I understand 649.4816 should be made per rev A. if that's the case we will have to quarantine all of them.
- 649.5111 & 649.5112 – both show 2 stk (AWPC might need qty(1) each), w/o of 5 not started – do we mark up w/o to make to Rev A? yes
- Quarantine stock and mark up work order as per rev A.

Pat.D

Subject: RE: Support Letter for AW119 CCK (RE: PO 4100 (ref. DART Order# 2209))

Importance: High

- 1) Shows 11 x 649.4811's in stock – can these be reworked?? Can be used as is and trimmed as required by installer. Those will only be good for 649.4701 Rev. C kits.
- 2) 649.4813 - 5 cut on the wj, now at small fab, can they be reworked? Yes. If not, should we put them in QRTN, before Sylvie works on them? Yes, qrtn. Another w/o of 16, not started..do we mark-up w/o ? Rework as required for the 3 CCK at Rev. C.
- 3) 649.4816 – 20 at ATG, do we bring them back before anodize and prime? This would be ideal.
- 4) 649.5111 & 649.5112 – both show 2 stk (AWPC might need qty(1) each), w/o of 5 not started – do we mark up w/o to make to Rev A1 yes

L

From: Patrick Duval

Sent: Wednesday, March 7, 2018 9:20 AM

To: Linda Lacelle <llacelle@dartaero.com>; Marc Bellavance <mbellavance@dartaero.com>; Sian Willems <swillems@dartaero.com>

Subject: RE: Support Letter for AW119 CCK (RE: PO 4100 (ref. DART Order# 2209))

Linda,

This is what I find. We don't have any "old" stock, but as you can see on the list below we are able to use some of our current stock.

Please let me know if you have any question or need something else.

- | | |
|--------------------------------------|---|
| - 649.4811: must be made to Rev. A. | No stock |
| - 649.4812: must be made to Rev. A. | Good to use stock. No change from rev A to current |
| - 649.4813: must be made to Rev. A. | No stock |
| - 649.4814: must be made to Rev. A. | Good to use stock. No change from rev A to current |
| - 649.4815: must be made to Rev. A. | Good to use stock. No change from rev A to current |
| - 649.4816: must be made to Rev. A. | No stock |
| - 649.5010: must be made to Rev. C1. | Good to use stock. No change from rev C1 to current |
| - 649.5011: must be made to Rev. C1. | Good to use stock. No change from rev C1 to current |
| - 649.5012: must be made to Rev. C1. | Good to use stock. No change from rev C1 to current |
| - 649.5013: must be made to Rev. C1. | Good to use stock. No change from rev C1 to current |
| - 649.5111: must be made to Rev. A1. | No stock |
| - 649.5112: must be made to Rev. A1. | No stock |

Marc,

Just to make sure, is the hardware going to be pick as per current IIN.

Pat Duval

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework <input type="checkbox"/> Scrap <input type="checkbox"/> Use-as-is <input type="checkbox"/> Suspected Unapproved <input type="checkbox"/>		AGAINST DEPARTMENT/PROCESS <div style="display: flex; justify-content: space-between;"> <div> Skid-tube <input type="checkbox"/> Machining <input type="checkbox"/> Thermoforming <input type="checkbox"/> Large Fab <input type="checkbox"/> </div> <div> Cross tube <input type="checkbox"/> Small Fab <input type="checkbox"/> Finishing <input type="checkbox"/> Composite <input type="checkbox"/> </div> <div> Water Jet <input type="checkbox"/> Prod. Eng. Coord. <input type="checkbox"/> Rec/Store/Packaging <input type="checkbox"/> Supplier <input type="checkbox"/> </div> <div> Engineering <input type="checkbox"/> Quality <input type="checkbox"/> Other <input type="checkbox"/> </div> </div>							
Date :		Step #:		QTY Effective :				MRB (QSI042) Approval Completed By Lead hand / Supervisor Approval Verification QC / QA Coordinator Approval			
Description Work Order Deviation				Disposition							
Root Cause Environment <input type="checkbox"/> Design <input type="checkbox"/> Doc/Data <input type="checkbox"/> Equip/Tooling <input type="checkbox"/> Handling/Pre <input type="checkbox"/> Material <input type="checkbox"/> Internal Transport <input type="checkbox"/> Tribal Knowledge <input type="checkbox"/> LOA <input type="checkbox"/> Substation <input type="checkbox"/> Past Expiry Date <input type="checkbox"/> Misidentified <input type="checkbox"/>		<input type="checkbox"/> No Re-verification <input type="checkbox"/> Operator <input type="checkbox"/> Offset/Setup <input type="checkbox"/> Supplier <input type="checkbox"/> Training <input type="checkbox"/> Use for Testing <input type="checkbox"/> Poor Information <input type="checkbox"/> Rushing <input type="checkbox"/> Product Improvement <input type="checkbox"/> Process Improvement <input type="checkbox"/> Manufacturing Process <input type="checkbox"/> Past Due		<input type="checkbox"/> Pressure/Forced <input type="checkbox"/> Bending <input type="checkbox"/> Centre Not Concentric <input type="checkbox"/> Cracks <input type="checkbox"/> Crimp/Kink/Ripple/Wave <input type="checkbox"/> Cuffs <input type="checkbox"/> Crushing <input type="checkbox"/> Heat Treat <input type="checkbox"/> Wave/Twist in Tube <input type="checkbox"/> Marks/Chatter		FAULT CATEGORY <input type="checkbox"/> Temperature/Cure <input type="checkbox"/> Set-up <input type="checkbox"/> BOM/Route <input type="checkbox"/> Broken/Damage/Defect <input type="checkbox"/> Inspection Incomplete/Unqualified <input type="checkbox"/> Contamination <input type="checkbox"/> Countersink <input type="checkbox"/> Cut Too Short <input type="checkbox"/> Instructions Incomplete/Unclear <input type="checkbox"/> Drill Holes		<input type="checkbox"/> Power Loss/Surge <input type="checkbox"/> Folio/Program <input type="checkbox"/> Grain <input type="checkbox"/> Weld <input type="checkbox"/> Wrong Stock Pulled <input type="checkbox"/> Out of Sequence <input type="checkbox"/> Off-set <input type="checkbox"/> Mislabeled <input type="checkbox"/> Fit/Function <input type="checkbox"/> Misaligned/off center		<input type="checkbox"/> Positioned Wrong <input type="checkbox"/> Outside Dimensions <input type="checkbox"/> Over/Under tolerance <input type="checkbox"/> Part Incorrect <input type="checkbox"/> Part Lost/Missing <input type="checkbox"/> Part Moved <input type="checkbox"/> Drawing <input type="checkbox"/> Finish <input type="checkbox"/> Misread <input type="checkbox"/> Turning Sequence	
OTHER : <input type="checkbox"/>											

QC Coordinator
T: 1-613-632-5200 ext. 228
www.dartaero.com
pduval@dartaero.com



From: Linda Lacelle
Sent: Wednesday, March 07, 2018 7:37 AM
To: Patrick Duval <pduval@dartaero.com>; Sian Willems <swillems@dartaero.com>
Cc: Marc Bellavance <mbellavance@dartaero.com>
Subject: RE: Support Letter for AW119 CCK (RE: PO 4100 (ref. DART Order# 2209))

Hi Pat,
Any luck with this pls? I need to respond to Oscar..

Thx
L

From: Patrick Duval
Sent: Tuesday, March 6, 2018 9:30 AM
To: Linda Lacelle <llacelle@dartaero.com>; Sian Willems <swillems@dartaero.com>
Cc: Marc Bellavance <mbellavance@dartaero.com>
Subject: RE: Support Letter for AW119 CCK (RE: PO 4100 (ref. DART Order# 2209))

Will look into that today.

Pat. D

From: Linda Lacelle
Sent: Tuesday, March 06, 2018 9:24 AM
To: Sian Willems <swillems@dartaero.com>; Patrick Duval <pduval@dartaero.com>

DQA: _____ Date: _____

WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework <input type="checkbox"/> Scrap <input type="checkbox"/> Use-as-is <input type="checkbox"/> Suspected Unapproved <input type="checkbox"/>		AGAINST DEPARTMENT/PROCESS <div style="display: flex; justify-content: space-between;"> <div> Skid-tube <input type="checkbox"/> Machining <input type="checkbox"/> Thermoforming <input type="checkbox"/> Large Fab <input type="checkbox"/> </div> <div> Cross tube <input type="checkbox"/> Small Fab <input type="checkbox"/> Finishing <input type="checkbox"/> Composite <input type="checkbox"/> </div> <div> Water Jet <input type="checkbox"/> Prod. Eng. Coord. <input type="checkbox"/> Rec/Store/Packaging <input type="checkbox"/> Supplier <input type="checkbox"/> </div> <div> Engineering <input type="checkbox"/> Quality <input type="checkbox"/> Other <input type="checkbox"/> </div> </div>					
Date :		Step #:		QTY Effective :			MRB (QS1042) Approval		
Description Work Order Deviation				Disposition				Completed By	
								Lead hand / Supervisor Approval Verification	
								QC / QA Coordinator Approval	
Root Cause		FAULT CATEGORY							
Environment <input type="checkbox"/>	No Re-verification <input type="checkbox"/>	Pressure/Forced <input type="checkbox"/>	Temperature/Cure <input type="checkbox"/>	Power Loss/Surge <input type="checkbox"/>	Positioned Wrong <input type="checkbox"/>				
Design <input type="checkbox"/>	Operator <input type="checkbox"/>	Bending <input type="checkbox"/>	Set-up <input type="checkbox"/>	Folio/Program <input type="checkbox"/>	Outside Dimension <input type="checkbox"/>				
Doc/Data <input type="checkbox"/>	Offset/Setup <input type="checkbox"/>	Centre Not Concentric <input type="checkbox"/>	BOM/Route <input type="checkbox"/>	Grain <input type="checkbox"/>	Over/Under tolerance <input type="checkbox"/>				
Equip/Tooling <input type="checkbox"/>	Supplier <input type="checkbox"/>	Cracks <input type="checkbox"/>	Broken/Damage/Defect <input type="checkbox"/>	Weld <input type="checkbox"/>	Part Incorrect <input type="checkbox"/>				
Handling/Pre <input type="checkbox"/>	Training <input type="checkbox"/>	Crimp/Kink/Ripple/Wave <input type="checkbox"/>	Inspection Incomplete/Unqualified <input type="checkbox"/>	Wrong Stock Pulled <input type="checkbox"/>	Part Lost/Missing <input type="checkbox"/>				
Material <input type="checkbox"/>	Use for Testing <input type="checkbox"/>	Cuffs <input type="checkbox"/>	Contamination <input type="checkbox"/>	Out of Sequence <input type="checkbox"/>	Part Moved <input type="checkbox"/>				
Internal Transport <input type="checkbox"/>	Poor Information <input type="checkbox"/>	Crushing <input type="checkbox"/>	Countersink <input type="checkbox"/>	Off-set <input type="checkbox"/>	Drawing <input type="checkbox"/>				
Tribal Knowledge <input type="checkbox"/>	Rushing <input type="checkbox"/>	Heat Treat <input type="checkbox"/>	Cut Too Short <input type="checkbox"/>	Mislabeled <input type="checkbox"/>	Finish <input type="checkbox"/>				
LOA <input type="checkbox"/>	Product Improvement <input type="checkbox"/>	Wave/Twist in Tube <input type="checkbox"/>	Instructions Incomplete/Unclear <input type="checkbox"/>	Fit/Function <input type="checkbox"/>	Misread <input type="checkbox"/>				
Substation <input type="checkbox"/>	Process Improvement <input type="checkbox"/>	Marks/Chatter <input type="checkbox"/>	Drill Holes <input type="checkbox"/>	Misaligned/off center <input type="checkbox"/>	Turning Sequence <input type="checkbox"/>				
Past Expiry Date <input type="checkbox"/>	Manufacturing Process <input type="checkbox"/>	OTHER : _____							
Misidentified <input type="checkbox"/>	Past Due <input type="checkbox"/>								

Cc: Marc Bellavance <mbellavance@dartaero.com>

Subject: RE: Support Letter for AW119 CCK (RE: PO 4100 (ref. DART Order# 2209))

Importance: High

I have NO idea...March wants me to go through a bunch of old parts (only rec'd this information yesterday), and I am going to forward to QC – I do not have time to do this, as well, I prefer QC check the parts...

With that being said – Pat, do you have any old revs of the attached parts – can you give this to someone to check pls – as you can see the kit needs to be shipped by the end of March, so if there are new parts to make/machine, we need to know THIS week pls

L

From: Sian Willems

Sent: Tuesday, March 6, 2018 9:14 AM

To: Linda Lacelle <llacelle@dartaero.com>

Cc: Jose Miguel Fernandez-Busto <jmiguel@dartaero.com>; Marc Bellavance <mbellavance@dartaero.com>

Subject: FW: Support Letter for AW119 CCK (RE: PO 4100 (ref. DART Order# 2209))

Hi Linda,

Order 2209 is scheduled for end of March. Customer requires a 649.4701 built to rev C of the dwg. Is this on track for shipment on schedule?

Thanks,

SIAN WILLEMS

Director of Customer Support

DART AEROSPACE

T 1 613 632-3336 > 239

M 1 613 676-0577

F 1 613 631-4443

1 800 556- 4166

www.dartaerospace.com



From: Jose Miguel Fernandez-Busto

Sent: Monday, March 05, 2018 1:30 PM

To: Support Hawkesbury <support.on@dartaero.com>

DQA: _____ Date: _____

WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____

Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework <input type="checkbox"/> Scrap <input type="checkbox"/> Use-as-is <input type="checkbox"/> Suspected Unapproved <input type="checkbox"/>		AGAINST DEPARTMENT/PROCESS <div style="display: flex; justify-content: space-between;"> <div> Skid-tube <input type="checkbox"/> Machining <input type="checkbox"/> Thermoforming <input type="checkbox"/> Large Fab <input type="checkbox"/> </div> <div> Cross tube <input type="checkbox"/> Small Fab <input type="checkbox"/> Finishing <input type="checkbox"/> Composite <input type="checkbox"/> </div> <div> Water Jet <input type="checkbox"/> Prod. Eng. Coord. <input type="checkbox"/> Rec/Store/Packaging <input type="checkbox"/> Supplier <input type="checkbox"/> </div> <div> Engineering <input type="checkbox"/> Quality <input type="checkbox"/> Other <input type="checkbox"/> </div> </div>																																																											
Date :		Step #:		QTY Effective :			MRB (QSI042) Approval																																																								
Description Work Order Deviation				Disposition				Completed By <hr/> Lead hand / Supervisor Approval Verification <hr/> QC / QA Coordinator Approval																																																							
Root Cause		FAULT CATEGORY																																																													
Environment <input type="checkbox"/>	Design <input type="checkbox"/>	Doc/Data <input type="checkbox"/>	Equip/Tooling <input type="checkbox"/>	Handling/Pre <input type="checkbox"/>	Material <input type="checkbox"/>	Internal Transport <input type="checkbox"/>	Tribal Knowledge <input type="checkbox"/>	LOA <input type="checkbox"/>	Substation <input type="checkbox"/>	Past Expiry Date <input type="checkbox"/>	Misidentified <input type="checkbox"/>	No Re-verification <input type="checkbox"/>	Operator <input type="checkbox"/>	Offset/Setup <input type="checkbox"/>	Supplier <input type="checkbox"/>	Training <input type="checkbox"/>	Use for Testing <input type="checkbox"/>	Poor Information <input type="checkbox"/>	Rushing <input type="checkbox"/>	Product Improvement <input type="checkbox"/>	Process Improvement <input type="checkbox"/>	Manufacturing Process <input type="checkbox"/>	Past Due <input type="checkbox"/>	Pressure/Forced <input type="checkbox"/>	Bending <input type="checkbox"/>	Centre Not Concentric <input type="checkbox"/>	Cracks <input type="checkbox"/>	Crimp/Kink/Ripple/Wave <input type="checkbox"/>	Cuffs <input type="checkbox"/>	Crushing <input type="checkbox"/>	Heat Treat <input type="checkbox"/>	Wave/Twist in Tube <input type="checkbox"/>	Marks/Chatter <input type="checkbox"/>	Temperature/Cure <input type="checkbox"/>	Set-up <input type="checkbox"/>	BOM/Route <input type="checkbox"/>	Broken/Damage/Defect <input type="checkbox"/>	Inspection Incomplete/Unqualified <input type="checkbox"/>	Contamination <input type="checkbox"/>	Countersink <input type="checkbox"/>	Cut Too Short <input type="checkbox"/>	Instructions Incomplete/Unclear <input type="checkbox"/>	Drill Holes <input type="checkbox"/>	Power Loss/Surge <input type="checkbox"/>	Folio/Program <input type="checkbox"/>	Grain <input type="checkbox"/>	Weld <input type="checkbox"/>	Wrong Stock Pulled <input type="checkbox"/>	Out of Sequence <input type="checkbox"/>	Off-set <input type="checkbox"/>	Mislabeled <input type="checkbox"/>	Fit/Function <input type="checkbox"/>	Misaligned/off center <input type="checkbox"/>	Positioned Wrong <input type="checkbox"/>	Outside Dimension <input type="checkbox"/>	Over/Under tolerance <input type="checkbox"/>	Part Incorrect <input type="checkbox"/>	Part Lost/Missing <input type="checkbox"/>	Part Moved <input type="checkbox"/>	Drawing <input type="checkbox"/>	Finish <input type="checkbox"/>	Misread <input type="checkbox"/>	Turning Sequence <input type="checkbox"/>
																								OTHER :																																							

Cc: Oscar Martinez <omartinez@dartaero.com>; Sian Willems <swillems@dartaero.com>

Subject: Support Letter for AW119 CCK (RE: PO 4100 (ref. DART Order# 2209))

Hi Sian,

Can you please provide us with a customer support letter to explain the AW119 cable cutter situation to the customer? (re: Order 2209)

FYI, this order was placed last year and only last week, we were informed that the current CCK is not applicable to the riveted windshield that the customer has (no previous warnings on our website, nor Plex on this). This situation in conjunction to the production delays for this item, is making us look quite bad with the end user, who is waiting for this component in order to conduct medevac operations with their aircraft.

I spoke with Marc on Friday who provided me an overview of the situation and I have relay that information to our distributor. Nonetheless, the end user would like an official communication (and hopefully a date for the availability of a previous revision CCK for them to install).

I am aware that Marc is out of the office and that you are also are going to be away, yet we appreciate your prompt support on this.

By the way, the end user information is as follows:

<https://na49.salesforce.com/0035A00003FYBDs?srPos=0&srKp=003>

Thank you,

José Miguel.

From: Marc Bellavance

Sent: Tuesday, February 27, 2018 5:03 PM

To: Oscar Martinez <omartinez@dartaero.com>

Cc: Jose Miguel Fernandez-Busto <jmiguel@dartaero.com>; Sian Willems <swillems@dartaero.com>; Ryan Williamson <rwilliamson@dartaero.com>; Linda Lacelle <llacelle@dartaero.com>

Subject: RE: PO 4100 (ref. DART Order# 2209)

Hi Oscar,

Unfortunately, it doesn't look like our current A119 CCK configuration will work on this aircraft configuration. The changes made were specific to improving the fit when installed with the screw-in windshield. If they get the current revision, they won't have all of the hardware necessary to install the kit. I believe we will have to go back to Revision C of 649.4701. Sorry for the inconvenience.

The kit will be put under review tomorrow; the Under Review Form has been completed and needs to be reviewed.

Regards,

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework <input type="checkbox"/> Scrap <input type="checkbox"/> Use-as-is <input type="checkbox"/> Suspected Unapproved <input type="checkbox"/>		AGAINST DEPARTMENT/PROCESS <div style="display: flex; justify-content: space-between;"> <div> Skid-tube <input type="checkbox"/> Machining <input type="checkbox"/> Thermoforming <input type="checkbox"/> Large Fab <input type="checkbox"/> </div> <div> Cross tube <input type="checkbox"/> Small Fab <input type="checkbox"/> Finishing <input type="checkbox"/> Composite <input type="checkbox"/> </div> <div> Water Jet <input type="checkbox"/> Prod. Eng. Coord. <input type="checkbox"/> Rec/Store/Packaging <input type="checkbox"/> Supplier <input type="checkbox"/> </div> <div> Engineering <input type="checkbox"/> Quality <input type="checkbox"/> Other <input type="checkbox"/> </div> </div>					
Date :		Step #:		QTY Effective :			MRB (QSI042) Approval Completed By Lead hand / Supervisor Approval Verification QC / QA Coordinator Approval		
Description Work Order Deviation				Disposition					
Root Cause <div style="display: flex; justify-content: space-between;"> <div> Environment <input type="checkbox"/> Design <input type="checkbox"/> Doc/Data <input type="checkbox"/> Equip/Tooling <input type="checkbox"/> Handling/Pre <input type="checkbox"/> Material <input type="checkbox"/> Internal Transport <input type="checkbox"/> Tribal Knowledge <input type="checkbox"/> LOA <input type="checkbox"/> Substation <input type="checkbox"/> Past Expiry Date <input type="checkbox"/> Misidentified <input type="checkbox"/> </div> <div> No Re-verification <input type="checkbox"/> Operator <input type="checkbox"/> Offset/Setup <input type="checkbox"/> Supplier <input type="checkbox"/> Training <input type="checkbox"/> Use for Testing <input type="checkbox"/> Poor Information <input type="checkbox"/> Rushing <input type="checkbox"/> Product Improvement <input type="checkbox"/> Process Improvement <input type="checkbox"/> Manufacturing Process <input type="checkbox"/> Past Due <input type="checkbox"/> </div> </div>		FAULT CATEGORY <div style="display: flex; justify-content: space-between;"> <div> Pressure/Forced <input type="checkbox"/> Bending <input type="checkbox"/> Centre Not Concentric <input type="checkbox"/> Cracks <input type="checkbox"/> Crimp/Kink/Ripple/Wave <input type="checkbox"/> Cuffs <input type="checkbox"/> Crushing <input type="checkbox"/> Heat Treat <input type="checkbox"/> Wave/Twist in Tube <input type="checkbox"/> Marks/Chatter <input type="checkbox"/> </div> <div> Temperature/Cure <input type="checkbox"/> Set-up <input type="checkbox"/> BOM/Route <input type="checkbox"/> Broken/Damage/Defect <input type="checkbox"/> Inspection Incomplete/Unqualified <input type="checkbox"/> Contamination <input type="checkbox"/> Countersink <input type="checkbox"/> Cut Too Short <input type="checkbox"/> Instructions Incomplete/Unclear <input type="checkbox"/> Drill Holes <input type="checkbox"/> </div> </div>		<div style="display: flex; justify-content: space-between;"> <div> Power Loss/Surge <input type="checkbox"/> Folio/Program <input type="checkbox"/> Grain <input type="checkbox"/> Weld <input type="checkbox"/> Wrong Stock Pulled <input type="checkbox"/> Out of Sequence <input type="checkbox"/> Off-set <input type="checkbox"/> Misabeled <input type="checkbox"/> Fit/Function <input type="checkbox"/> Misaligned/off center <input type="checkbox"/> </div> <div> Positioned Wrong <input type="checkbox"/> Outside Dimensions <input type="checkbox"/> Over/Under tolerance <input type="checkbox"/> Part Incorrect <input type="checkbox"/> Part Lost/Missing <input type="checkbox"/> Part Moved <input type="checkbox"/> Drawing <input type="checkbox"/> Finish <input type="checkbox"/> Misread <input type="checkbox"/> Turning Sequence <input type="checkbox"/> </div> </div>					
OTHER : <input type="checkbox"/>									

Marc

From: Oscar Martinez
Sent: Tuesday, February 27, 2018 1:43 PM
To: Marc Bellavance <mbellavance@dartaero.com>
Cc: Jose Miguel Fernandez-Busto <jmiguel@dartaero.com>
Subject: RE: PO 4100 (ref. DART Order# 2209)

Hi Mark,

I already received the answer about the windshield configuration. The aircraft is configured with riveted windshield.

Could you please share the shipping date. I need to advise customer today.

Thanks,

Oscar

From: Marc Bellavance
Sent: Tuesday, February 27, 2018 12:17 PM
To: Oscar Martinez <omartinez@dartaero.com>
Cc: Jose Miguel Fernandez-Busto <jmiguel@dartaero.com>
Subject: FW: PO 4100 (ref. DART Order# 2209)

Hi Oscar,

I was asked to forward this chain of email as we need to find out details from the end user. Can you please find out asap: is the customer's aircraft configured with riveted windshield or screwed-in windshield?

We will proceed or not with shipping upon receiving an answer to this question.

Regards,

MARC BELLAVANCE

Mechanical Designer / Technical Support

DQA: _____ Date: _____

WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____

Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework <input type="checkbox"/> Scrap <input type="checkbox"/> Use-as-is <input type="checkbox"/> Suspected Unapproved <input type="checkbox"/>		AGAINST DEPARTMENT/PROCESS <div style="display: flex; justify-content: space-between;"> <div> Skid-tube <input type="checkbox"/> Machining <input type="checkbox"/> Thermoforming <input type="checkbox"/> Large Fab <input type="checkbox"/> </div> <div> Cross tube <input type="checkbox"/> Small Fab <input type="checkbox"/> Finishing <input type="checkbox"/> Composite <input type="checkbox"/> </div> <div> Water Jet <input type="checkbox"/> Prod. Eng. Coord. <input type="checkbox"/> Rec/Store/Packaging <input type="checkbox"/> Supplier <input type="checkbox"/> </div> <div> Engineering <input type="checkbox"/> Quality <input type="checkbox"/> Other <input type="checkbox"/> </div> </div>					
Date : _____		Step #: _____		QTY Effective : _____			MRB (QSI042) Approval _____		
Description Work Order Deviation				Disposition				Completed By _____	
								Lead hand / Supervisor Approval Verification _____	
								QC / QA Coordinator Approval _____	
Root Cause		FAULT CATEGORY							
Environment <input type="checkbox"/>	No Re-verification <input type="checkbox"/>	Pressure/Forced <input type="checkbox"/>	Temperature/Cure <input type="checkbox"/>	Power Loss/Surge <input type="checkbox"/>	Positioned Wrong <input type="checkbox"/>				
Design <input type="checkbox"/>	Operator <input type="checkbox"/>	Bending <input type="checkbox"/>	Set-up <input type="checkbox"/>	Folio/Program <input type="checkbox"/>	Outside Dimension <input type="checkbox"/>				
Doc/Data <input type="checkbox"/>	Offset/Setup <input type="checkbox"/>	Centre Not Concentric <input type="checkbox"/>	BOM/Route <input type="checkbox"/>	Grain <input type="checkbox"/>	Over/Under tolerance <input type="checkbox"/>				
Equip/Tooling <input type="checkbox"/>	Supplier <input type="checkbox"/>	Cracks <input type="checkbox"/>	Broken/Damage/Defect <input type="checkbox"/>	Weld <input type="checkbox"/>	Part Incorrect <input type="checkbox"/>				
Handling/Pre <input type="checkbox"/>	Training <input type="checkbox"/>	Crimp/Kink/Ripple/Wave <input type="checkbox"/>	Inspection Incomplete/Unqualified <input type="checkbox"/>	Wrong Stock Pulled <input type="checkbox"/>	Part Lost/Missing <input type="checkbox"/>				
Material <input type="checkbox"/>	Use for Testing <input type="checkbox"/>	Cuffs <input type="checkbox"/>	Contamination <input type="checkbox"/>	Out of Sequence <input type="checkbox"/>	Part Moved <input type="checkbox"/>				
Internal Transport <input type="checkbox"/>	Poor Information <input type="checkbox"/>	Crushing <input type="checkbox"/>	Countersink <input type="checkbox"/>	Off-set <input type="checkbox"/>	Drawing <input type="checkbox"/>				
Tribal Knowledge <input type="checkbox"/>	Rushing <input type="checkbox"/>	Heat Treat <input type="checkbox"/>	Cut Too Short <input type="checkbox"/>	Mislabeled <input type="checkbox"/>	Finish <input type="checkbox"/>				
LOA <input type="checkbox"/>	Product Improvement <input type="checkbox"/>	Wave/Twist in Tube <input type="checkbox"/>	Instructions Incomplete/Unclear <input type="checkbox"/>	Fit/Function <input type="checkbox"/>	Misread <input type="checkbox"/>				
Substation <input type="checkbox"/>	Process Improvement <input type="checkbox"/>	Marks/Chatter <input type="checkbox"/>	Drill Holes <input type="checkbox"/>	Misaligned/off center <input type="checkbox"/>	Turning Sequence <input type="checkbox"/>				
Past Expiry Date <input type="checkbox"/>	Manufacturing Process <input type="checkbox"/>	OTHER : _____							
Misidentified <input type="checkbox"/>	Past Due <input type="checkbox"/>								

DART AEROSPACE

T 1 613 632 5200 > 243

M 1 613 676 0992 > Customer Support

M 1 613 677 4570 > Direct

F 1 613 632 9311

S marcbellavance

1 800 556- 4166

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From: Marc Bellavance

Sent: Tuesday, February 27, 2018 12:02 PM

To: Jose Miguel Fernandez-Busto <jmiguel@dartaero.com>

Subject: RE: PO 4100 (ref. DART Order# 2209)

Hi Jose Miguel,

Do you have an update for us?

Regards,

Marc

From: Jose Miguel Fernandez-Busto

Sent: Friday, February 23, 2018 4:54 PM

To: Marc Bellavance <mbellavance@dartaero.com>

Subject: RE: PO 4100 (ref. DART Order# 2209)

Certainly Marc!

From: Marc Bellavance

Sent: Friday, February 23, 2018 3:36 PM

To: Jose Miguel Fernandez-Busto <jmiguel@dartaero.com>

Cc: Richard Plourde <rplourde@dartaero.com>

Subject: FW: PO 4100 (ref. DART Order# 2209)

DQA: _____ Date: _____

WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework <input type="checkbox"/> Scrap <input type="checkbox"/> Use-as-is <input type="checkbox"/> Suspected Unapproved <input type="checkbox"/>		AGAINST DEPARTMENT/PROCESS <div style="display: flex; justify-content: space-between;"> <div> Skid-tube <input type="checkbox"/> Machining <input type="checkbox"/> Thermoforming <input type="checkbox"/> Large Fab <input type="checkbox"/> </div> <div> Cross tube <input type="checkbox"/> Small Fab <input type="checkbox"/> Finishing <input type="checkbox"/> Composite <input type="checkbox"/> </div> <div> Water Jet <input type="checkbox"/> Prod. Eng. Coord. <input type="checkbox"/> Rec/Store/Packaging <input type="checkbox"/> Supplier <input type="checkbox"/> </div> <div> Engineering <input type="checkbox"/> Quality <input type="checkbox"/> Other <input type="checkbox"/> </div> </div>					
Date :		Step #:		QTY Effective :			MRB (QSI042) Approval		
Description Work Order Deviation				Disposition				Completed By	
								Lead hand / Supervisor Approval Verification	
								QC / QA Coordinator Approval	
Root Cause		FAULT CATEGORY							
Environment <input type="checkbox"/>	No Re-verification <input type="checkbox"/>	Pressure/Forced <input type="checkbox"/>	Temperature/Cure <input type="checkbox"/>	Power Loss/Surge <input type="checkbox"/>	Positioned Wrong <input type="checkbox"/>				
Design <input type="checkbox"/>	Operator <input type="checkbox"/>	Bending <input type="checkbox"/>	Set-up <input type="checkbox"/>	Folio/Program <input type="checkbox"/>	Outside Dimension <input type="checkbox"/>				
Doc/Data <input type="checkbox"/>	Offset/Setup <input type="checkbox"/>	Centre Not Concentric <input type="checkbox"/>	BOM/Route <input type="checkbox"/>	Grain <input type="checkbox"/>	Over/Under tolerance <input type="checkbox"/>				
Equip/Tooling <input type="checkbox"/>	Supplier <input type="checkbox"/>	Cracks <input type="checkbox"/>	Broken/Damage/Defect <input type="checkbox"/>	Weld <input type="checkbox"/>	Part Incorrect <input type="checkbox"/>				
Handling/Pre <input type="checkbox"/>	Training <input type="checkbox"/>	Crimp/Kink/Ripple/Wave <input type="checkbox"/>	Inspection Incomplete/Unqualified <input type="checkbox"/>	Wrong Stock Pulled <input type="checkbox"/>	Part Lost/Missing <input type="checkbox"/>				
Material <input type="checkbox"/>	Use for Testing <input type="checkbox"/>	Cuffs <input type="checkbox"/>	Contamination <input type="checkbox"/>	Out of Sequence <input type="checkbox"/>	Part Moved <input type="checkbox"/>				
Internal Transport <input type="checkbox"/>	Poor Information <input type="checkbox"/>	Crushing <input type="checkbox"/>	Countersink <input type="checkbox"/>	Off-set <input type="checkbox"/>	Drawing <input type="checkbox"/>				
Tribal Knowledge <input type="checkbox"/>	Rushing <input type="checkbox"/>	Heat Treat <input type="checkbox"/>	Cut Too Short <input type="checkbox"/>	Mislabeled <input type="checkbox"/>	Finish <input type="checkbox"/>				
LOA <input type="checkbox"/>	Product Improvement <input type="checkbox"/>	Wave/Twist in Tube <input type="checkbox"/>	Instructions Incomplete/Unclear <input type="checkbox"/>	Fit/Function <input type="checkbox"/>	Misread <input type="checkbox"/>				
Substation <input type="checkbox"/>	Process Improvement <input type="checkbox"/>	Marks/Chatter <input type="checkbox"/>	Drill Holes <input type="checkbox"/>	Misaligned/off center <input type="checkbox"/>	Turning Sequence <input type="checkbox"/>				
Past Expiry Date <input type="checkbox"/>	Manufacturing Process <input type="checkbox"/>	OTHER : _____							
Misidentified <input type="checkbox"/>	Past Due <input type="checkbox"/>								

Hi Jose Miguel,

Just got out of a Skype conversation with Richard and Ryan about the order in attachment. We need to have answers on the questions below. Can you please help?

Regards,

MARC BELLAVANCE

Mechanical Designer / Technical Support

DART AEROSPACE

T 1 613 632 5200 > 243

M 1 613 676 0992 > Customer Support

M 1 613 677 4570 > Direct

F 1 613 632 9311

S marcbellavance

1 800 556- 4166

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From: Marc Bellavance

Sent: Wednesday, February 21, 2018 2:47 PM

To: 'Tamara Sepulveda' <tsepulveda@eaglecopters.cl>

Subject: PO 4100 (ref. DART Order# 2209)

Hey Tammy,

How are you?

We're making a few minor modification to the kit based on AgustaWestland Philadelphia Corp's request and we would like to have a better understanding of the aircraft the kit will be installed onto. Can we please have more details on the attached order? Is the aircraft configured with riveted windshield or screwed-in windshield?

Regards,

Marc

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework <input type="checkbox"/> Scrap <input type="checkbox"/> Use-as-is <input type="checkbox"/> Suspected Unapproved <input type="checkbox"/>	AGAINST DEPARTMENT/PROCESS <div style="display: flex; justify-content: space-between;"> <div> Skid-tube <input type="checkbox"/> Machining <input type="checkbox"/> Thermoforming <input type="checkbox"/> Large Fab <input type="checkbox"/> </div> <div> Cross tube <input type="checkbox"/> Small Fab <input type="checkbox"/> Finishing <input type="checkbox"/> Composite <input type="checkbox"/> </div> <div> Water Jet <input type="checkbox"/> Prod. Eng. Coord. <input type="checkbox"/> Rec/Store/Packaging <input type="checkbox"/> Supplier <input type="checkbox"/> </div> <div> Engineering <input type="checkbox"/> Quality <input type="checkbox"/> Other <input type="checkbox"/> </div> </div>			
Date : _____	Step #: _____	QTY Effective : _____		MRB (QSI042) Approval	
Description Work Order Deviation		Disposition		Completed By	
				Lead hand / Supervisor Approval Verification	
				QC / QA Coordinator Approval	
Root Cause		FAULT CATEGORY			
Environment <input type="checkbox"/> Design <input type="checkbox"/> Doc/Data <input type="checkbox"/> Equip/Tooling <input type="checkbox"/> Handling/Pre <input type="checkbox"/> Material <input type="checkbox"/> Internal Transport <input type="checkbox"/> Tribal Knowledge <input type="checkbox"/> LOA <input type="checkbox"/> Substation <input type="checkbox"/> Past Expiry Date <input type="checkbox"/> Misidentified <input type="checkbox"/>	No Re-verification <input type="checkbox"/> Operator <input type="checkbox"/> Offset/Setup <input type="checkbox"/> Supplier <input type="checkbox"/> Training <input type="checkbox"/> Use for Testing <input type="checkbox"/> Poor Information <input type="checkbox"/> Rushing <input type="checkbox"/> Product Improvement <input type="checkbox"/> Process Improvement <input type="checkbox"/> Manufacturing Process <input type="checkbox"/> Past Due <input type="checkbox"/>	Pressure/Forced <input type="checkbox"/> Bending <input type="checkbox"/> Centre Not Concentric <input type="checkbox"/> Cracks <input type="checkbox"/> Crimp/Kink/Ripple/Wave <input type="checkbox"/> Cuffs <input type="checkbox"/> Crushing <input type="checkbox"/> Heat Treat <input type="checkbox"/> Wave/Twist in Tube <input type="checkbox"/> Marks/Chatter <input type="checkbox"/>	Temperature/Cure <input type="checkbox"/> Set-up <input type="checkbox"/> BOM/Route <input type="checkbox"/> Broken/Damage/Defect <input type="checkbox"/> Inspection Incomplete/Unqualified <input type="checkbox"/> Contamination <input type="checkbox"/> Countersink <input type="checkbox"/> Cut Too Short <input type="checkbox"/> Instructions Incomplete/Unclear <input type="checkbox"/> Drill Holes <input type="checkbox"/>	Power Loss/Surge <input type="checkbox"/> Folio/Program <input type="checkbox"/> Grain <input type="checkbox"/> Weld <input type="checkbox"/> Wrong Stock Pulled <input type="checkbox"/> Out of Sequence <input type="checkbox"/> Off-set <input type="checkbox"/> Misabeled <input type="checkbox"/> Fit/Function <input type="checkbox"/> Misaligned/off center <input type="checkbox"/>	Positioned Wrong <input type="checkbox"/> Outside Dimensions <input type="checkbox"/> Over/Under tolerance <input type="checkbox"/> Part Incorrect <input type="checkbox"/> Part Lost/Missing <input type="checkbox"/> Part Moved <input type="checkbox"/> Drawing <input type="checkbox"/> Finish <input type="checkbox"/> Misread <input type="checkbox"/> Turning Sequence <input type="checkbox"/>
OTHER : _____					

Linda Lacelle

From: Marc Bellavance
Sent: Monday, March 5, 2018 3:04 PM
To: Linda Lacelle
Subject: RE: PO 4100 (ref. DART Order# 2209)

Linda,

I've marked all the parts with their revision level. Current means that you can simply pick from stock. All the others, we have to manufacture to earlier revisions or pick from the mezz or quarantine if we have not scrapped them.

So, if we want to manufacture to 649.4701 Rev. C (ref. B149915 which reworks B149526):

- 646.9910: current rev. Pick from stock.
- 647.9014: current rev. Pick from stock.
- 649.4902: current rev. Pick from stock.
- 649.4901: current rev. Pick from stock.
- 649.5210: current rev. Pick from stock.
- 649.5211: current rev. Pick from stock.
- 649.5212: current rev. Pick from stock.
- 649.5213: current rev. Pick from stock.
- 649.5214: current rev. Pick from stock.

- 649.4811: must be made to Rev. A.
- 649.4812: must be made to Rev. A.
- 649.4813: must be made to Rev. A.
- 649.4814: must be made to Rev. A.
- 649.4815: must be made to Rev. A.
- 649.4816: must be made to Rev. A.
- 649.5010: must be made to Rev. C1.
- 649.5011: must be made to Rev. C1.
- 649.5012: must be made to Rev. C1.
- 649.5013: must be made to Rev. C1.
- 649.5111: must be made to Rev. A1.
- 649.5112: must be made to Rev. A1.

DART D

DQA: _____ Date: _____

WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework <input type="checkbox"/> Scrap <input type="checkbox"/> Use-as-is <input type="checkbox"/> Suspected Unapproved <input type="checkbox"/>		AGAINST DEPARTMENT/PROCESS <div style="display: flex; justify-content: space-between;"> <div> Skid-tube <input type="checkbox"/> Machining <input type="checkbox"/> Thermoforming <input type="checkbox"/> Large Fab <input type="checkbox"/> </div> <div> Cross tube <input type="checkbox"/> Small Fab <input type="checkbox"/> Finishing <input type="checkbox"/> Composite <input type="checkbox"/> </div> <div> Water Jet <input type="checkbox"/> Prod. Eng. Coord. <input type="checkbox"/> Rec/Store/Packaging <input type="checkbox"/> Supplier <input type="checkbox"/> </div> <div> Engineering <input type="checkbox"/> Quality <input type="checkbox"/> Other <input type="checkbox"/> </div> </div>																																																																																															
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<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th colspan="4" style="text-align: left;">Root Cause</th> <th colspan="6" style="text-align: left;">FAULT CATEGORY</th> </tr> </thead> <tbody> <tr> <td>Environment <input type="checkbox"/></td> <td><input type="checkbox"/></td> <td>No Re-verification <input type="checkbox"/></td> <td>Pressure/Forced <input type="checkbox"/></td> <td>Temperature/Cure <input type="checkbox"/></td> <td>Power Loss/Surge <input type="checkbox"/></td> <td>Positioned Wrong <input type="checkbox"/></td> </tr> <tr> <td>Design <input type="checkbox"/></td> <td><input type="checkbox"/></td> <td>Operator <input type="checkbox"/></td> <td>Bending <input type="checkbox"/></td> <td>Set-up <input type="checkbox"/></td> <td>Folio/Program <input type="checkbox"/></td> <td>Outside Dimension <input type="checkbox"/></td> </tr> <tr> <td>Doc/Data <input type="checkbox"/></td> <td><input type="checkbox"/></td> <td>Offset/Setup <input 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Hope this makes sense.

From: Linda Lacelle
Sent: Monday, March 05, 2018 2:08 PM
To: Marc Bellavance <mbellavance@dartaero.com>
Subject: RE: PO 4100 (ref. DART Order# 2209)

I DON'T KNOW...what am I looking for?? What do you want me to do pls??

From: Marc Bellavance
Sent: Monday, March 5, 2018 12:40 PM
To: Linda Lacelle <llacelle@dartaero.com>
Subject: RE: PO 4100 (ref. DART Order# 2209)

Linda, please see attached. Does this help? Please let me know.

From: Linda Lacelle
Sent: Monday, March 05, 2018 10:48 AM
To: Marc Bellavance <mbellavance@dartaero.com>
Subject: RE: PO 4100 (ref. DART Order# 2209)

From: Marc Bellavance
Sent: Monday, March 5, 2018 10:40 AM
To: Linda Lacelle <llacelle@dartaero.com>
Subject: RE: PO 4100 (ref. DART Order# 2209)

That's what I'm trying to find out...

From: Linda Lacelle
Sent: Monday, March 05, 2018 10:08 AM
To: Marc Bellavance <mbellavance@dartaero.com>
Subject: RE: PO 4100 (ref. DART Order# 2209)

I can do it, but I just need to know what part(s) plz

DQA: _____ Date: _____

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Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework <input type="checkbox"/> Scrap <input type="checkbox"/> Use-as-is <input type="checkbox"/> Suspected Unapproved <input type="checkbox"/>		AGAINST DEPARTMENT/PROCESS <div style="display: flex; justify-content: space-between;"> <div> Skid-tube <input type="checkbox"/> Machining <input type="checkbox"/> Thermoforming <input type="checkbox"/> Large Fab <input type="checkbox"/> </div> <div> Cross tube <input type="checkbox"/> Small Fab <input type="checkbox"/> Finishing <input type="checkbox"/> Composite <input type="checkbox"/> </div> <div> Water Jet <input type="checkbox"/> Prod. Eng. Coord. <input type="checkbox"/> Rec/Store/Packaging <input type="checkbox"/> Supplier <input type="checkbox"/> </div> <div> Engineering <input type="checkbox"/> Quality <input type="checkbox"/> Other <input type="checkbox"/> </div> </div>					
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Root Cause				FAULT CATEGORY					
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Past Expiry Date <input type="checkbox"/>	Manufacturing Process <input type="checkbox"/>	OTHER : _____							
Misidentified <input type="checkbox"/>	Past Due <input type="checkbox"/>								

From: Marc Bellavance
Sent: Monday, March 5, 2018 9:58 AM
To: Linda Lacelle <llacelle@dartaero.com>
Subject: RE: PO 4100 (ref. DART Order# 2209)

Mine work but I'm off today... Can you walk me through it?

From: Linda Lacelle
Sent: Monday, March 05, 2018 9:57 AM
To: Marc Bellavance <mbellavance@dartaero.com>
Subject: RE: PO 4100 (ref. DART Order# 2209)

No, my intuitive reports do not work, I would have to go through every item on the scanned w/o...I would need to know what parts are affected plzzzzz

From: Marc Bellavance
Sent: Friday, March 2, 2018 4:15 PM
To: Linda Lacelle <llacelle@dartaero.com>
Subject: RE: PO 4100 (ref. DART Order# 2209)

Linda,

649.4701 B149915 was made to Rev. C of 649.4700. The W/O consists of a rework of 649.4701 B149526 (Rev. B3). From these, do you have a way of pulling the revision of each subs?

Marc

From: Linda Lacelle
Sent: Friday, March 02, 2018 2:14 PM
To: Marc Bellavance <mbellavance@dartaero.com>
Cc: Jose Miguel Fernandez-Busto <jmiguel@dartaero.com>; Sian Willems <swillems@dartaero.com>; Ryan Williamson <rwilliamson@dartaero.com>; Oscar Martinez <omartinez@dartaero.com>; Jean-Luc Menard <jmenard@dartaero.com>
Subject: RE: PO 4100 (ref. DART Order# 2209)

I need to know what parts are affected first, before I can give you ANY idea of L/T pls

L

DQA: _____ Date: _____

WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework <input type="checkbox"/> Scrap <input type="checkbox"/> Use-as-is <input type="checkbox"/> Suspected Unapproved <input type="checkbox"/>		AGAINST DEPARTMENT/PROCESS <div style="display: flex; justify-content: space-between;"> <div> Skid-tube <input type="checkbox"/> Machining <input type="checkbox"/> Thermoforming <input type="checkbox"/> Large Fab <input type="checkbox"/> </div> <div> Cross tube <input type="checkbox"/> Small Fab <input type="checkbox"/> Finishing <input type="checkbox"/> Composite <input type="checkbox"/> </div> <div> Water Jet <input type="checkbox"/> Prod. Eng. Coord. <input type="checkbox"/> Rec/Store/Packaging <input type="checkbox"/> Supplier <input type="checkbox"/> </div> <div> Engineering <input type="checkbox"/> Quality <input type="checkbox"/> Other <input type="checkbox"/> </div> </div>					
Date :		Step #:		QTY Effective :			MRB (QSI042) Approval		
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								Lead hand / Supervisor Approval Verification	
								QC / QA Coordinator Approval	
Root Cause		FAULT CATEGORY							
Environment <input type="checkbox"/>	No Re-verification <input type="checkbox"/>	Pressure/Forced <input type="checkbox"/>	Temperature/Cure <input type="checkbox"/>	Power Loss/Surge <input type="checkbox"/>	Positioned Wrong <input type="checkbox"/>				
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LOA <input type="checkbox"/>	Product Improvement <input type="checkbox"/>	Wave/Twist in Tube <input type="checkbox"/>	Instructions Incomplete/Unclear <input type="checkbox"/>	Fit/Function <input type="checkbox"/>	Misread <input type="checkbox"/>				
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Past Expiry Date <input type="checkbox"/>	Manufacturing Process <input type="checkbox"/>								
Misidentified <input type="checkbox"/>	Past Due <input type="checkbox"/>	OTHER :							

From: Marc Bellavance

Sent: Friday, March 2, 2018 2:01 PM

To: Linda Lacelle <llacelle@dartaero.com>

Cc: Jose Miguel Fernandez-Busto <jmiguel@dartaero.com>; Sian Willems <swillems@dartaero.com>; Ryan Williamson <rwilliamson@dartaero.com>; Oscar Martinez <omartinez@dartaero.com>; Jean-Luc Menard <jmenard@dartaero.com>

Subject: RE: PO 4100 (ref. DART Order# 2209)

Linda,

As previously discussed, and per the Under Review sent this week, the current configuration of our CCK is no longer compatible on aircraft with riveted windshields. This is due to the few changes done last year to ensure compatibility with the new screwed-in windshield configuration of the AW119 MKII.

As such, we have to produce an earlier revision CCK for customers wanting to install on their aircraft equipped with riveted windshields. I'm thinking Rev. C of 649.4700 drawing. We need to figure out which parts must be manufactured to an earlier revision... Once we have this figured out, what could be the lead time associated with the production of those parts and Rev. C kit?

Marc

From: Oscar Martinez

Sent: Friday, March 02, 2018 10:12 AM

To: Marc Bellavance <mbellavance@dartaero.com>

Cc: Jose Miguel Fernandez-Busto <jmiguel@dartaero.com>; Sian Willems <swillems@dartaero.com>; Ryan Williamson <rwilliamson@dartaero.com>; Linda Lacelle <llacelle@dartaero.com>

Subject: RE: PO 4100 (ref. DART Order# 2209)

Good morning Marc,

Sorry to bother on this subject since I don't really know how long does it take for a review to be done, but is there any way we can share a date to the customer about releasing this item? ... we are having a weekly meeting with her today and I'm sure this will be her first question.

Thanks for your assistance.

Oscar

From: Marc Bellavance

Sent: Tuesday, February 27, 2018 5:03 PM



QA Closed: Date:

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework <input type="checkbox"/> Scrap <input type="checkbox"/> Use-as-is <input type="checkbox"/> Suspected Unapproved <input type="checkbox"/>		AGAINST DEPARTMENT/PROCESS <table border="0"> <tr> <td>Skid-tube <input type="checkbox"/></td> <td>Cross tube <input type="checkbox"/></td> <td>Water Jet <input type="checkbox"/></td> <td>Engineering <input type="checkbox"/></td> </tr> <tr> <td>Machining <input type="checkbox"/></td> <td>Small Fab <input type="checkbox"/></td> <td>Prod. Eng. Coord. <input type="checkbox"/></td> <td>Quality <input type="checkbox"/></td> </tr> <tr> <td>Thermoforming <input type="checkbox"/></td> <td>Finishing <input type="checkbox"/></td> <td>Rec/Store/Packaging <input type="checkbox"/></td> <td>Other <input type="checkbox"/></td> </tr> <tr> <td>Large Fab <input type="checkbox"/></td> <td>Composite <input type="checkbox"/></td> <td>Supplier <input type="checkbox"/></td> <td></td> </tr> </table>						Skid-tube <input type="checkbox"/>	Cross tube <input type="checkbox"/>	Water Jet <input type="checkbox"/>	Engineering <input type="checkbox"/>	Machining <input type="checkbox"/>	Small Fab <input type="checkbox"/>	Prod. Eng. Coord. <input type="checkbox"/>	Quality <input type="checkbox"/>	Thermoforming <input type="checkbox"/>	Finishing <input type="checkbox"/>	Rec/Store/Packaging <input type="checkbox"/>	Other <input type="checkbox"/>	Large Fab <input type="checkbox"/>	Composite <input type="checkbox"/>	Supplier <input type="checkbox"/>																																																			
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To: Oscar Martinez <omartinez@dartaero.com>

Cc: Jose Miguel Fernandez-Busto <jmiguel@dartaero.com>; Sian Willems <swillems@dartaero.com>; Ryan Williamson <rwilliamson@dartaero.com>; Linda Lacelle <llacelle@dartaero.com>

Subject: RE: PO 4100 (ref. DART Order# 2209)

Hi Oscar,

Unfortunately, it doesn't look like our current A119 CCK configuration will work on this aircraft configuration. The changes made were specific to improving the fit when installed with the screw-in windshield. If they get the current revision, they won't have all of the hardware necessary to install the kit. I believe we will have to go back to Revision C of 649.4701. Sorry for the inconvenience.

The kit will be put under review tomorrow; the Under Review Form has been completed and needs to be reviewed.

Regards,
Marc

From: Oscar Martinez

Sent: Tuesday, February 27, 2018 1:43 PM

To: Marc Bellavance <mbellavance@dartaero.com>

Cc: Jose Miguel Fernandez-Busto <jmiguel@dartaero.com>

Subject: RE: PO 4100 (ref. DART Order# 2209)

Hi Mark,

I already received the answer about the windshield configuration. The aircraft is configured with riveted windshield.

Could you please share the shipping date. I need to advise customer today.

Thanks,

Oscar

From: Marc Bellavance

Sent: Tuesday, February 27, 2018 12:17 PM

To: Oscar Martinez <omartinez@dartaero.com>

DQA: _____ Date: _____

WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____

Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework <input type="checkbox"/> Scrap <input type="checkbox"/> Use-as-is <input type="checkbox"/> Suspected Unapproved <input type="checkbox"/>		AGAINST DEPARTMENT/PROCESS <div style="display: flex; justify-content: space-between;"> <div> Skid-tube <input type="checkbox"/> Machining <input type="checkbox"/> Thermoforming <input type="checkbox"/> Large Fab <input type="checkbox"/> </div> <div> Cross tube <input type="checkbox"/> Small Fab <input type="checkbox"/> Finishing <input type="checkbox"/> Composite <input type="checkbox"/> </div> <div> Water Jet <input type="checkbox"/> Prod. Eng. Coord. <input type="checkbox"/> Rec/Store/Packaging <input type="checkbox"/> Supplier <input type="checkbox"/> </div> <div> Engineering <input type="checkbox"/> Quality <input type="checkbox"/> Other <input type="checkbox"/> </div> </div>							
Date :		Step #:		QTY Effective :				MRB (QSI042) Approval			
Description Work Order Deviation				Disposition				Completed By _____ Lead hand / Supervisor Approval Verification _____ QC / QA Coordinator Approval _____			
Root Cause		FAULT CATEGORY									
Environment <input type="checkbox"/>	No Re-verification <input type="checkbox"/>	Pressure/Forced <input type="checkbox"/>	Temperature/Cure <input type="checkbox"/>	Power Loss/Surge <input type="checkbox"/>	Positioned Wrong <input type="checkbox"/>	Design <input type="checkbox"/>	Operator <input type="checkbox"/>	Bending <input type="checkbox"/>	Set-up <input type="checkbox"/>	Folio/Program <input type="checkbox"/>	Outside Dimension <input type="checkbox"/>
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Misidentified <input type="checkbox"/>	Past Due <input type="checkbox"/>										

Cc: Jose Miguel Fernandez-Busto <jmiguel@dartaero.com>

Subject: FW: PO 4100 (ref. DART Order# 2209)

Hi Oscar,

I was asked to forward this chain of email as we need to find out details from the end user. Can you please find out asap: is the customer's aircraft configured with riveted windshield or screwed-in windshield?

We will proceed or not with shipping upon receiving an answer to this question.

Regards,

MARC BELLAVANCE

Mechanical Designer / Technical Support

DART AEROSPACE

T 1 613 632 5200 > 243

M 1 613 676 0992 > Customer Support

M 1 613 677 4570 > Direct

F 1 613 632 9311

S marcbellavance

1 800 556- 4166

www.dartaerospace.com



Technical Publications: Verify Revision Status/Download [HERE!](#)

From: Marc Bellavance

Sent: Tuesday, February 27, 2018 12:02 PM

To: Jose Miguel Fernandez-Busto <jmiguel@dartaero.com>

Subject: RE: PO 4100 (ref. DART Order# 2209)

Hi Jose Miguel,

Do you have an update for us?

Regards,

Marc

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework <input type="checkbox"/> Scrap <input type="checkbox"/> Use-as-is <input type="checkbox"/> Suspected Unapproved <input type="checkbox"/>	AGAINST DEPARTMENT/PROCESS <div style="display: flex; justify-content: space-between;"> <div> Skid-tube <input type="checkbox"/> Machining <input type="checkbox"/> Thermoforming <input type="checkbox"/> Large Fab <input type="checkbox"/> </div> <div> Cross tube <input type="checkbox"/> Small Fab <input type="checkbox"/> Finishing <input type="checkbox"/> Composite <input type="checkbox"/> </div> <div> Water Jet <input type="checkbox"/> Prod. Eng. Coord. <input type="checkbox"/> Rec/Store/Packaging <input type="checkbox"/> Supplier <input type="checkbox"/> </div> <div> Engineering <input type="checkbox"/> Quality <input type="checkbox"/> Other <input type="checkbox"/> </div> </div>			
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OTHER : _____					

From: Jose Miguel Fernandez-Busto
Sent: Friday, February 23, 2018 4:54 PM
To: Marc Bellavance <mbellavance@dartaero.com>
Subject: RE: PO 4100 (ref. DART Order# 2209)

Certainly Marc!

From: Marc Bellavance
Sent: Friday, February 23, 2018 3:36 PM
To: Jose Miguel Fernandez-Busto <jmiguel@dartaero.com>
Cc: Richard Plourde <rplourde@dartaero.com>
Subject: FW: PO 4100 (ref. DART Order# 2209)

Hi Jose Miguel,

Just got out of a Skype conversation with Richard and Ryan about the order in attachment. We need to have answers on the questions below. Can you please help?

Regards,

MARC BELLAVANCE

Mechanical Designer / Technical Support

DART AEROSPACE

T 1 613 632 5200 > 243
M 1 613 676 0992 > Customer Support
M 1 613 677 4570 > Direct
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DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework <input type="checkbox"/> Scrap <input type="checkbox"/> Use-as-is <input type="checkbox"/> Suspected Unapproved <input type="checkbox"/>	AGAINST DEPARTMENT/PROCESS <div style="display: flex; justify-content: space-between;"> <div> Skid-tube <input type="checkbox"/> Machining <input type="checkbox"/> Thermoforming <input type="checkbox"/> Large Fab <input type="checkbox"/> </div> <div> Cross tube <input type="checkbox"/> Small Fab <input type="checkbox"/> Finishing <input type="checkbox"/> Composite <input type="checkbox"/> </div> <div> Water Jet <input type="checkbox"/> Prod. Eng. Coord. <input type="checkbox"/> Rec/Store/Packaging <input type="checkbox"/> Supplier <input type="checkbox"/> </div> <div> Engineering <input type="checkbox"/> Quality <input type="checkbox"/> Other <input type="checkbox"/> </div> </div>			
Date :	Step #:	QTY Effective :		MRB (QSI042) Approval	
Description Work Order Deviation		Disposition		Completed By	
				Lead hand / Supervisor Approval Verification	
				QC / QA Coordinator Approval	
Root Cause		FAULT CATEGORY			
Environment <input type="checkbox"/>	No Re-verification <input type="checkbox"/>	Pressure/Forced <input type="checkbox"/>	Temperature/Cure <input type="checkbox"/>	Power Loss/Surge <input type="checkbox"/>	Positioned Wrong <input type="checkbox"/>
Design <input type="checkbox"/>	Operator <input type="checkbox"/>	Bending <input type="checkbox"/>	Set-up <input type="checkbox"/>	Folio/Program <input type="checkbox"/>	Outside Dimensions <input type="checkbox"/>
Doc/Data <input type="checkbox"/>	Offset/Setup <input type="checkbox"/>	Centre Not Concentric <input type="checkbox"/>	BOM/Route <input type="checkbox"/>	Grain <input type="checkbox"/>	Over/Under tolerance <input type="checkbox"/>
Equip/Tooling <input type="checkbox"/>	Supplier <input type="checkbox"/>	Cracks <input type="checkbox"/>	Broken/Damage/Defect <input type="checkbox"/>	Weld <input type="checkbox"/>	Part Incorrect <input type="checkbox"/>
Handling/Pre <input type="checkbox"/>	Training <input type="checkbox"/>	Crimp/Kink/Ripple/Wave <input type="checkbox"/>	Inspection Incomplete/Unqualified <input type="checkbox"/>	Wrong Stock Pulled <input type="checkbox"/>	Part Lost/Missing <input type="checkbox"/>
Material <input type="checkbox"/>	Use for Testing <input type="checkbox"/>	Cuffs <input type="checkbox"/>	Contamination <input type="checkbox"/>	Out of Sequence <input type="checkbox"/>	Part Moved <input type="checkbox"/>
Internal Transport <input type="checkbox"/>	Poor Information <input type="checkbox"/>	Crushing <input type="checkbox"/>	Countersink <input type="checkbox"/>	Off-set <input type="checkbox"/>	Drawing <input type="checkbox"/>
Tribal Knowledge <input type="checkbox"/>	Rushing <input type="checkbox"/>	Heat Treat <input type="checkbox"/>	Cut Too Short <input type="checkbox"/>	Mislabeled <input type="checkbox"/>	Finish <input type="checkbox"/>
LOA <input type="checkbox"/>	Product Improvement <input type="checkbox"/>	Wave/Twist in Tube <input type="checkbox"/>	Instructions Incomplete/Unclear <input type="checkbox"/>	Fit/Function <input type="checkbox"/>	Misread <input type="checkbox"/>
Substation <input type="checkbox"/>	Process Improvement <input type="checkbox"/>	Marks/Chatter <input type="checkbox"/>	Drill Holes <input type="checkbox"/>	Misaligned/off center <input type="checkbox"/>	Turning Sequence <input type="checkbox"/>
Past Expiry Date <input type="checkbox"/>	Manufacturing Process <input type="checkbox"/>	OTHER :			
Misidentified <input type="checkbox"/>	Past Due <input type="checkbox"/>				

From: Marc Bellavance

Sent: Wednesday, February 21, 2018 2:47 PM

To: 'Tamara Sepulveda' <tsepulveda@eaglecopters.cl>

Subject: PO 4100 (ref. DART Order# 2209)

Hey Tammy,

How are you?

We're making a few minor modification to the kit based on AgustaWestland Philadelphia Corp's request and we would like to have a better understanding of the aircraft the kit will be installed onto. Can we please have more details on the attached order? Is the aircraft configured with riveted windshield or screwed-in windshield?

Regards,

Marc

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework <input type="checkbox"/> Scrap <input type="checkbox"/> Use-as-is <input type="checkbox"/> Suspected Unapproved <input type="checkbox"/>	AGAINST DEPARTMENT/PROCESS <div style="display: flex; justify-content: space-between;"> <div> Skid-tube <input type="checkbox"/> Machining <input type="checkbox"/> Thermoforming <input type="checkbox"/> Large Fab <input type="checkbox"/> </div> <div> Cross tube <input type="checkbox"/> Small Fab <input type="checkbox"/> Finishing <input type="checkbox"/> Composite <input type="checkbox"/> </div> <div> Water Jet <input type="checkbox"/> Prod. Eng. Coord. <input type="checkbox"/> Rec/Store/Packaging <input type="checkbox"/> Supplier <input type="checkbox"/> </div> <div> Engineering <input type="checkbox"/> Quality <input type="checkbox"/> Other <input type="checkbox"/> </div> </div>			
Date : _____	Step #: _____	QTY Effective : _____		MRB (QSI042) Approval	
Description Work Order Deviation		Disposition		Completed By	
				Lead hand / Supervisor Approval Verification	
				QC / QA Coordinator Approval	
Root Cause <div style="display: flex; justify-content: space-between;"> <div> Environment <input type="checkbox"/> Design <input type="checkbox"/> Doc/Data <input type="checkbox"/> Equip/Tooling <input type="checkbox"/> Handling/Pre <input type="checkbox"/> Material <input type="checkbox"/> Internal Transport <input type="checkbox"/> Tribal Knowledge <input type="checkbox"/> LOA <input type="checkbox"/> Substation <input type="checkbox"/> Past Expiry Date <input type="checkbox"/> Misidentified <input type="checkbox"/> </div> <div> No Re-verification <input type="checkbox"/> Operator <input type="checkbox"/> Offset/Setup <input type="checkbox"/> Supplier <input type="checkbox"/> Training <input type="checkbox"/> Use for Testing <input type="checkbox"/> Poor Information <input type="checkbox"/> Rushing <input type="checkbox"/> Product Improvement <input type="checkbox"/> Process Improvement <input type="checkbox"/> Manufacturing Process <input type="checkbox"/> Past Due <input type="checkbox"/> </div> </div>		FAULT CATEGORY <div style="display: flex; justify-content: space-between;"> <div> Pressure/Forced <input type="checkbox"/> Bending <input type="checkbox"/> Centre Not Concentric <input type="checkbox"/> Cracks <input type="checkbox"/> Crimp/Kink/Ripple/Wave <input type="checkbox"/> Cuffs <input type="checkbox"/> Crushing <input type="checkbox"/> Heat Treat <input type="checkbox"/> Wave/Twist in Tube <input type="checkbox"/> Marks/Chatter <input type="checkbox"/> </div> <div> Temperature/Cure <input type="checkbox"/> Set-up <input type="checkbox"/> BOM/Route <input type="checkbox"/> Broken/Damage/Defect <input type="checkbox"/> Inspection Incomplete/Unqualified <input type="checkbox"/> Contamination <input type="checkbox"/> Countersink <input type="checkbox"/> Cut Too Short <input type="checkbox"/> Instructions Incomplete/Unclear <input type="checkbox"/> Drill Holes <input type="checkbox"/> </div> <div> Power Loss/Surge <input type="checkbox"/> Folio/Program <input type="checkbox"/> Grain <input type="checkbox"/> Weld <input type="checkbox"/> Wrong Stock Pulled <input type="checkbox"/> Out of Sequence <input type="checkbox"/> Off-set <input type="checkbox"/> Misabeled <input type="checkbox"/> Fit/Function <input type="checkbox"/> Misaligned/off center <input type="checkbox"/> </div> <div> Positioned Wrong <input type="checkbox"/> Outside Dimensions <input type="checkbox"/> Over/Under tolerance <input type="checkbox"/> Part Incorrect <input type="checkbox"/> Part Lost/Missing <input type="checkbox"/> Part Moved <input type="checkbox"/> Drawing <input type="checkbox"/> Finish <input type="checkbox"/> Misread <input type="checkbox"/> Turning Sequence <input type="checkbox"/> </div> </div>			
OTHER : _____					